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Triple multiplexing spread spectrum receiver

S Kohli, S Chen - US Patent 7,295,633, 2007 - Google Patents

... (54) TRIPLE MULTIPLEXING SPREAD SPECTRUM RECEIVER (75 ... they actually occur and are compared with the predicted turns so that the time and position ... SIN COS TABLE ...

Cited by 19 - Related articles - Web Search - All 6 versions

Spread spectrum receiver with fast signal reacquisition

S Kohli, S Chen... - US Patent 5,897,605, 1999 - freepatentsonline.com

... from a composite of signals received by determining a delay parameter for that source related to time of receipt of a source specific spread spectrum code in ...

Cited by 11 - Related articles - Web Search - All 3 versions

Method and apparatus for time-sliced and multi-threaded data processing in a communication system

K Rieken, JD Medlock, DM Holmes - US Patent App. 09/920,093, 2001 - Google Patents

... A time-slice processor for use in a spread spectrum system comprising: a master control unit including a time slot table and a partial sums search table; a ...

Web Search - All 6 versions

[CITATION] PROCEDE ET APPAREIL POUR UN TRAITEMENT DE DONNEES A TRANCHE DE TEMPS ET MULTIFILIERE DANS UN SYSTEME ...

K RIEKEN, J MEDLOCK, D HOLMES - WO Patent 211,386, 2002

Web Search

COHERENT DETECTION WITHOUT TRANSMISSION PREAMBLE

SA McDermott, JF Stafford, LG Jordan - US Patent App. 11/876,747, 2007 - Google Patents

... time back to the previous time-slice, no information ... window of the received signal 182 over time. ... The conventional spread spectrum phase-detector/correlation ...

Web Search

Spread spectrum receiver with multi-path correction

CR Cahn, M Chansarkar, S Kohli - US Patent App. 09/735,249, 2000 - Google Patents

... CI 375/142; 375/346 (57) ABSTRACT A spread spectrum receiver uses ... MUX #— ^ \ j^Q ACCUM -J- + Jt PARTIAL ^T/&J 1 ... DOPP.NEXT CARRIER_NCO SIN COS TABLE 134 124 ...

Cited by 7 - Related articles - Web Search - All 6 versions

Spread spectrum receiver with multi-bit correlator

S Kohli, S Chen, CR Cahn, M Chansarkar, G Turetsky - US Patent App. 10/835,948, 2004 - Google Patents

... 14,2004 (54) SPREAD SPECTRUM RECEIVER WITH MULTI-BIT CORRELATOR ... Each of the time delay specific correlation products ... p^m ^ X x-775 PARTIAL ACCUMULATOR PARTIAL ...

Cited by 9 - Related articles - Web Search - All 11 versions

Spread spectrum receiver with multi-path cancellation

CR Cahn, S Kohli - US Patent 6,047,017, 2000 - Google Patents

... 4, 2000 (54) SPREAD SPECTRUM RECEIVER WITH MULTI-PATH CANCELLATION [76] Inventors ... The model includes weighted, time delayed components of a plurality of time ...

Cited by 11 - Related articles - Web Search - All 3 versions

Application of platform FPGAs in W-CDMAZ Jian-hui, C Shu-ping - ASIC, 2001. Proceedings. 4th International Conference on, 2001 - ieeexplore.ieee.org

... Each slice includes two 4-input function generators, carry ... FPGAs solution with IP-Immersion™ Time stage 1985 ... are at the heart of every spread spectrum system ...

Cited by 1 - Related articles - Web Search

Accuracy of single-crystal time-of-flight neutron diffraction: a comparative study of MnF₂W Jauch, AJ Schultz, JR Schneider - Journal of Applied Crystallography, 1988 - dx.doi.org

... shifts in centroid position from one time slice to the ... 978 ACCURACY OF SINGLE-CRYSTAL TIME-OF-FLIGHT ... refinement with room-temperature mosaic spread ("arc) data. ...

Cited by 20 - Related articles - Web Search - All 4 versions

[PDF] ► The variable X-ray spectrum of Markarian 766. II. Time-resolved spectroscopyTJ Turner, L Miller, JN Reeves, SB Kraemer - ASTRONOMY AND ASTROPHYSICS-BERLIN THEN LES ULIS-, 2007 - arxiv.org

... Suzaku leads to the exposure noted above being spread out over ... TJ Turner et al.:

Time-Resolved Spectroscopy of Mrk 766 ... A p-cov absorption fit to a slice of the ...

Cited by 3 - Related articles - View as HTML - Web Search - BL Direct - All 13 versions

The role of spread spectrum in packet radio networksMB Pursley - Proceedings of the IEEE, 1987 - ieeexplore.ieee.org

... An important difference that arises in a spread-spectrum packet radio network is the possibility that two packets collide, yet, at the same time, a third ...

Cited by 159 - Related articles - Web Search - All 6 versions

QCD spectrum with three quark flavors - ► arxiv.org [PDF]

C Bernard, T Burch, K Orginos, D Toussaint, TA ... - Physical Review D, 2001 - APS

... computed propagators from four source times evenly spread through the ... of the 2³ cubes on the chosen time slice. ... The maximum time distance used in the fits was ...

Cited by 262 - Related articles - Web Search - BL Direct - All 8 versions

Performance limitations in underwater acoustic telemetryJA Catipovic - Oceanic Engineering, IEEE Journal of, 1990 - ieeexplore.ieee.org

... waves governed by the Garret-Munk power spectrum and homogenous ... A typical multipath spread is on the order of ... reflecting ray, the rms travel time fluctuation ...

Cited by 102 - Related articles - Web Search - All 3 versions

Implementing loudness models in Matlab - ► nuim.ie [PDF]J Timoney, L MacManus, T Lysaght, M Schoenwiesner - 2004 - eprints.nuim.ie

... to give the overall loudness for each time slice. ... Specifically, the time-frequency decompositions and loudness ... The spread excitation pattern is given by SR E ...

Cited by 4 - Related articles - View as HTML - Web Search - All 3 versions

[PDF] ► Fast Code-Phase Alignment of GPS Signals Using Virtex-4 FPGAsU Malik, O Diessel, AG Dempster - gmat.unsw.edu.au

... begins in the input bit-stream so it can be de-spread. ... can operate at 450MHz which is almost 78 times faster than ... A single DSP slice can achieve this operation ...

[View as HTML](#) - Web Search**Pseudo-noise correlator for GPS spread-spectrum receiver**

S Kohn, S Chen, CR Cahn, M Chansarkar, G Turetsky - US Patent App. 10/722,694, 2003 - Google Patents

... 54) PSEUDO-NOISE CORRELATOR FOR GPS SPREAD-SPECTRUM RECEIVER (76 ... Each of the time delay specific correlation products are ... $\hat{Y}^S \text{ RAM}^T - T + \text{X}^T \text{ PARTIAL FO Qf} \dots$

Related articles - Web Search - All 6 versions

A single-rail handshake CDMA correlator

W Zhu, Z Zilic, R Negulescu, S Inc, CA Mountain ... - Electronics, Circuits and Systems, 2002. 9th International ..., 2002 - ieeexplore.ieee.org

... the Walsh code and the PN sequence are time synchronous at ... are spectrally white due to the spread-spectrum nature of ... uses the multi carry-saving bit slice adder ...

[Related articles](#) - [Web Search](#)

[PDF] ► Efficient Packetization for Bluetooth Video Transmission

R Razavi, M Fisury, EA Jammeh, M Ghanbari - 1st Workshop on Multimedia Applications over Wireless ..., 2006 - privatewww.essex.ac.uk

... 2 Bluetooth characteristics Bt uses packet-switching with an FHSS (Frequency Hopping Spread Spectrum) approach. ... 10 20 30 40 50 Time (s) ... Single slice/ Packet ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#)

Quantum initial value representation simulation of water trimer far infrared absorption spectrum

DV Shalashilin, MS Child, DC Clary - The Journal of Chemical Physics, 2004 - link.aip.org

... back onto the initial grid, the time sliced propagation is ... guided grids for the real time computation of ... each quadruplet and therefore the energy spread of the ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 5 versions](#)

A multipitch analyzer based on harmonic temporal structured clustering

H Kameoka, T Nishimoto, S Sagayama - IEEE Trans. on Audio, Speech and Language Processing, 2007 - ieeexplore.ieee.org

... top views of the observed power spectrum time series (top ... Setting to zero the partial derivative of (38), the ... of the result for each time spread parameter d ...

[Cited by 12](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Hawking spectrum and high frequency dispersion - ► arxiv.org [PDF]

S Corley, T Jacobson - Physical Review D, 1996 - APS

... solutions satisfying (tx) i, with 0, on some time slice. ... processes occur at different space time points of. ... well defined frequency and hence spread out over ...

[Cited by 140](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 3 versions](#)

Estimation of the EEG power spectrum using MRI T2 relaxation time in traumatic brain injury

RW Thatcher, C Biver, JF Gomez, D North, R Curtin, ... - Clinical Neurophysiology, 2001 - Elsevier

... B) shows the same slice by slice topographic representation ... relaxation times and the EEG power spectrum were more ... the correlations to T2 relaxation time itself ...

[Cited by 16](#) - [Related articles](#) - [Web Search](#) - [All 5 versions](#)

A high speed pipelined CMOS accumulator for implementing numerically controlled oscillators

J Yuan, C Svensson, F Lu, H Samueli - Circuits and Systems, 1990., IEEE International Symposium on, 1990 - ieeexplore.ieee.org

... MSB with delays of 2nTc for each bit-slice. ... is possible to update frequencies in real-time. ... synthesizer LSI circuit for spread spectrum communications", IEEE ...

[Cited by 5](#) - [Related articles](#) - [Web Search](#)

Multiplexed CDMA and GPS searching

WP Poon, Q Zou - US Patent App. 10/041,205. 2002 - Google Patents

... In the IS-95 mode, the search hardware is time-multiplexed into a number of searcher time slices, each of which can generate a PN sequence to despread a data ...

[Web Search](#)

Tumor Size on Computed Tomography Scans

AH Dachman, PM MacEneaney, A Adedipe, M Carlin, LP ... - dimension, 2001 - doi.wiley.com

... and sagittal views using an infinite slice depth, leaving ... lesions used represents

an evenly spread spectrum of lesions ... of tumor volume is time consuming, and ...

Cited by 25 - Related articles - Web Search - BL Direct - All 5 versions

Accuracy of Single-Crystal Time-of-Flight Neutron Diffraction: a Comparative Study of MnF₂

JR SCHNEIDER - Applied Crystallography, 1988 - journals.ucr.org

... t) follows any shifts in centroid position from one time slice to the ... 978 ACCURACY OF SINGLE-CRYSTAL TIME-OF-FLIGHT NEUTRON DIFFRACTION ... mosaic spread ("arc) ...

Related articles - Web Search - All 2 versions

Sequential-acquisition, multi-band, multi-channel, matched filter

S Bierly, M Harfacher, A Weinberg - US Patent 6,421,372, 2002 - freepatentsonline.com

... times the chipping rate for a spread spectrum signal ... units that produce the early, on-time, and late ... Since each slice is independently responsible for tracking ...

Cited by 2 - Related articles - Web Search - All 7 versions

A tensor approach to higher order expectations of quantized chaotic trajectories. I. General theory ... -

► polimilitron

R Rovatti, G Mazzini, G Setti - Circuits and Systems I: Fundamental Theory and Applications, ..., 2000 - IEEE Explore, IEEE.org

... with nodes are the result of collecting such a value and extracting partial sums of the ... All the users transmit this spread signal at the same time and over ...

Cited by 25 - Related articles - Web Search - BL Direct - All 4 versions

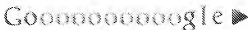
PPR: partial packet recovery for wireless networks - ► mil.edu from

K Jamieson - Proceedings of the 2007 conference on Applications, ..., 2007 - portal.acm.org

... At the same time, from an information-theoretic perspective ... bits in the original packet gets spread over 32 ... symbols y_k, before they are sliced, thus using ...

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Key authors: S Kohli - S Chen - R Rovatti - C Cahn - G Mazzini



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